CLAIMS

1. A portable memory device comprising:

    (a) a terminal capable of being connected to an interface mounted

    on a host machine and capable of data input/output from/to

    said host machine, and

    (b) a storage element for storing

    at least one of image data and audio data,

    reproduction program data for said host machine to

    reproduce at least one of said image data and audio data,

    and

    execution program data for said host machine to execute

    a program in said reproduction program data in response to

    a detection signal that said host machine detects a

    connection of said terminal to said interface.

2. The portable memory device as described in claim 1, wherein if said host machine stores beforehand at least said reproduction program data and execution program data, and when said terminal is connected to said interface in the state that said storage element stores at least one of said image data and audio data, said host machine activates said execution program in response to said detection signal to read and reproduce at least one of said image data and audio data stored in said memory element.

3. A recording medium recording a program for making a host machine having an interface capable of data input/output execute said program, said program comprising:

    (a) a step of detecting a detection signal indicating that a

    terminal of a portable memory device is connected to said

    interface, and

(b) a step of executing a program in a reproduction program data for reproducing at least one of image data and audio data stored in said memory device, in response to said detection signal.

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4.   The recording medium as described in claim 3, wherein if said host machine stores at least one of said image data and audio data and said reproduction program data and said execution program data before said step (a), said host machine is made to execute before said step (a),

10   (c) a step of outputting at least one of said image data and audio data to said memory device, and

(d) a step of controlling to output said reproduction program data and said execution program data to said memory device at the same time as, during or after the step (c),

15 in the state that said terminal of said memory device is connected to said interface.

5.   A program for making a host machine having an interface capable of data input/output execute said program, said program comprising:

20   (a) a step of detecting a detection signal indicating that a terminal of a portable memory device is connected to said interface, and

(b) a step of executing a program in a reproduction program data for reproducing at least one of image data and audio data

25   stored in said memory device, in response to said detection signal.

6.   A data processing system comprising:

(a) a host machine having an interface capable of data

30   input/output, and

(b) a portable memory device having a terminal capable of being

connected to said interface, and a storage element for storing at least one of image data and audio data, reproduction program data for said host apparatus to reproduce at least one of said image data and audio data, and execution program data

5   for said host machine to execute a program in said reproduction program data in response to a detection signal that said host machine detects a connection of said terminal to said interface.

10   7.   The data processing system as described in claim 6, said system further having an external apparatus connected to said host machine via a network, wherein said host machine comprises a means for controlling to activate said execution program in response to said connection detection signal and outputting at least one of said image data and audio

15   data to said external apparatus via said network, when said terminal is connected to said interface in the state that at least one of said image data and audio data is stored in said storage element.

      8.   A data processing method comprising:

20   (a) a step of detecting a detection signal by a host machine having an interface capable of data input/output, said detection signal indicating that a terminal of a portable memory device is connected to said interface, and

              (b) a step of executing a program in reproduction program data

25   for reproducing by said host machine at least one of image data and audio data stored in said memory device in response to said detection signal.